

SARG 2020 WORKING PROGRAM

Sunday, May 30, 2021			
Workshop A		Workshop B	
09:00-16:00	Fertility Preservation Hands-on Workshop on Ovarian tissue cryopreservation & transplantation		14:00-18:30 Preimplantation genetic testing (PGT): Latest insight
9:15-9:30	Registration & Welcoming words		14:00-14:40 Opening remarks Avner Hershlag , USA – Course Chairman
9:30-10:00	Fertility Preservation & Effects of radio/chemo therapy on reproduction. TBA		14:10-14:40 Genetics 101 Yuval Yaron , Israel
10:00-10:30	Cryopreservation of ovarian tissue Dror Meiorow , Israel		14:40-15:10 The impact of embryo biopsy and the quality of the embryology lab Colleen Lynch , UK
10:30-11:00	Laboratory practical aspects: Tissue transportation, preparation, cryopreservation – thawing, quality control Daniela Nogueira , France		15:10-15:40 Prevention of genetic disease through PGT-M Avner Hershlag , USA
11:00-11:30	The safety of harvesting ovarian tissue for fertility preservation Hila Raanani , Israel		15:40-16:00 <i>Coffee Break</i>
11:30-12:00	Transplantation of ovarian tissue Dror Meiorow , Israel		16:00-16:30 PGT-A: Inclusion and exclusion criteria Joe Leigh Simpson , USA
12:00-13:00	<i>Lunch break</i>		16:30-17:00 Mosaicism Santiago Munne , Spain
13:00–16:00	<i>Hands-On</i>		17:00-17:30 Chromosomal mosaicism in humans: clinical implications for prenatal diagnosis and non-invasive prenatal testing Brynn Levy , USA
	Clinical dilemmas Patient cases for Fertility Preservation Hila Raanani , Israel; Dror Meiorow , Israel Israeli Center for Medical Simulation (MSR)	Laboratory, surgical Daniela Nogueira , France; Itay Spector , Israel; Yuval Yung , Israel; Dror Meiorow , Israel Israeli Center for Medical Simulation (MSR)	17:30-18:30 Panel discussion: ethical issues in PGT
19:00	Welcome Reception		
Monday, May 31, 2021			
08:30-10:00	Session 1A: Challenges in ART for patients with specific pathologies Chairs: Ester Polak , Argentina, Sergio Papier , Argentina, Alejandro Manzur , Argentina		08:30-10:00 Session 1B: Innovation in reprove medicine Chairs: Ido Ben Ami , Israel, Arik Kahane , Israel, Ettie Maman , Israel
08:30-09:00	PCOS and ART: Recommendations on the new 2018 International Evidence-Based Guidelines Ricardo Loret de Mola , Mexico / USA		08:30-09:00 Egg donation - fresh or frozen - exclusive or Shared Tomer Singer , USA
09:00-09:30	Optimizing ART results in patients with endometriosis Marcelo Barrionuevo , Argentina / USA		09:00-09:30 How to change the endometrial microbiome David Keefe , USA
09:30-10:00	The Biological Clock and Fertility Preservation in Cancer and Non Cancer Patients Marcelo Barrionuevo , Argentina / USA		09:30-10:00 Novel methods for ovarian stimulation Robert Fischer , Germany
10:00-10:20	<i>Coffee break, poster viewing & visit the exhibition</i>		
10:20-11:40	Session 2A: Opening Session		
10:20-10:40	Welcome and Opening Note Zeev Shoham , Israel; Michael Alper USA; Adrian Shulman , Israel; Avner Hershlag USA		
10:40-11:10	Reflections on the current and future relationship between industry and physicians as technology continues to evolve Introduction: Avner Hershlag , USA Robert Auerbach , USA		
11:10-11:40	Predict the unpredictable - the science and magic behind AI Introduction: Benjamin Reubinoff , Israel Eran Eshed , Israel		
11:40-11:50	<i>Technical break</i>		

11:50-13:20	Session 3A: Innovation in Reproductive medicine Chairs: Ramon Aurel Ballesteros , Spain ; Shachar Kol , Israel	11:50-13:20	Session 3B: Reproductive Nuclear Transfer: Novel challenges and clinical application Chair: Ilan Tur-Kaspa , USA		
11:50-12:20	Uterine microbiome and human reproduction: current status Carlos Simon , Spain	11:50-12:10	Reproductive nuclear transfers in human reproduction John Zhang , USA		
		12:10-12:30	Clinical aspects of reproductive nuclear transfers Valery Zukin , Ukraine		
12:20-12:50	Creating a crossroad between science and the laboratory in IVF Denny Sakkas , USA	12:30-12:50	Technical aspects of NT in different stages Pavlo Mazur , Ukraine		
12:50-13:20	Non-invasive PGT-A: is this the future or an illusion? Carlos Simon , Spain	12:50-13:10	Heteroplasmy in babies born after RNT: Genetic safety Dmytro Mykytenko , Ukraine		
		13:10-13:20	Discussion		
13:20-14:00 <i>Lunch break, poster viewing & visit the exhibition</i>					
14:00-15:30	Session 4A: New developments in Reproductive Medicine Chairs: Benny Fisch , Israel; Anat Hershko Klement , Israel; Raphael Ron-El , Israel	14:00-15:30	Session 4B: Reproductive Genetics 1 Chairs: Martha Drenfeld , Israel; Johnny Younis , Israel	14:00-15:30	Session 4C : Making Parenthood More Possible by Selecting Better Sperm: Transforming Sperm Preparation to Optimize Outcomes Chair: Neri Laufer , Israel
14:00-14:30	TBA	14:00-14:30	Basic genetics principles for the non-genetics Yuval Yaron , Israel	14:00-14:05	Introduction: Shelley Amster , USA
				14:05-14:20	Current treatment approaches and the importance of 'healthy' sperm. Avraham Harlev , Israel
				14:20-14:35	A microfluidic device mimics natural sperm separation Matt Feldman , USA
14:30-15:00	Allogeneic uterus transplantation: A Novel reproductive transplant Rebecca Flyckt , USA	14:30-15:00	Whole exome & genome sequencing in prenatal diagnosis Brynn Levy , USA	14:35-14:55	A novel approach to select spermatozoa with the highest genomic integrity Philip Xie , USA
15:00-15:30	Non-surgical treatment of endometriosis Mark Hornstein , USA	15:00-15:30	The genetics of fertilization failures: from diagnosis to treatment Rita Vassena , Spain	14:55-15:15	How to improve PGT and outcomes – case study David Keefe , USA
				15:15-15:30	Interactive panel discussion with faculty and attendees
15:30-16:00 <i>Coffee break, poster viewing & visit the exhibition</i>					
16:00-18:00	Session 5A: How do we deal with the poor responder patient and fertilization failure Chairs: Norbert Gleicher , USA; Shlomo Mashiach , Israel; Yoel Shufaro , Israel	16:00-18:00	Session 5B: Reproductive Genetics 2 Chair: Talia Eldar-Geva , Israel; Neri Laufer , Israel	16:00-17:30	Session 5C: This is the way we do it Chair: Miriam Almgor , Israel;
16:00-16:30	Ovarian Rejuvenation Antonio Pellicer , Spain	16:00-16:30	PGT-M for adult onset conditions? Joe Leigh Simpson , USA	16:00-16:15	Freezing a single sperm Pavel Itsykson , Israel
16:30-17:00	Growth Hormone: As an adjuvant for women classified as poor prognosis in IVF John Yovich , Australia	16:30-17:00	The clinical utility of PGT-A Santiago Munne , USA	16:15-16:30	Non-invasive embryo assessment by testing culture media or using advanced microscopy Denny Sakkas , USA
17:00-17:30	Manipulating primordial follicle activation in vitro Evelyn Telfer , UK	17:00-17:30	Gene editing using CRISPR/Cas9 in Human Embryos Gerald Schatten , USA	16:30-16:45	How do we select the best sperm for ICSI via IMSI Guy Cassuto , France
17:30-18:00	How do we explain dramatic declines in live births after IVF? Norbert Gleicher , USA	17:30-18:00	Chances and risks of RCTs in preimplantation genetic screenings Andreas Schmutzler , Germany	16:45-17:00	How do we treat immotile sperm TBA
				17:00-17:15	How do we treat testicular sperm tissue (TESA)? Pavel Itsykson , Israel; Peter Schlegel , USA

Tuesday, June 1, 2021					
07:30-08:45	Breakfast session: Publish or Perish: meet the Editor-in-chief of the leading journals in our field Moderator: Ariel Weissman, Israel				
	Alan DeCherney, USA - Global Reproductive Health Cornelis (Nils) Lambalk, The Netherlands - Human Reproduction Craig Niederberger, USA - Fertility and Sterility Galia Oron, Israel - Associate Editor, Human reproduction Antonio Pellicer, Spain - Fertility and Sterility		Topics for discussion include: <ul style="list-style-type: none"> • The transition to open access journals • Publishing journals in electronic form only • Hosting more digital platforms for presenting data • Preventing misinformation • Why people should invest their time reviewing papers • Tips for young researchers • Other topics 		
09:00-10:30	Session 6A: Lessons learned from managing an IVF Centre – Boston IVF Chairs: Raoul Orvieto, Israel; Einat Shalom Paz, Israel; Seang Lin Tan, Canada	09:00-10:30	Session 6B: AI Reproductive Care Session Chair: Daniela Gilboa, Israel; Ariel Hourvitz, Israel; Eliahu Levitas, Israel;		
09:00-09:30	How do you know that your IVF Program is good? Michael Alper, USA	09:00-09:30	Challenges and pitfalls in applying machine learning and computer vision to medical care Assaf Zaritsky, Israel		
09:30-10:00	Future training of reproductive specialists Alan Penzias, USA	09:30-10:00	ART and AI: Revolution or Evolution? Daniel Seidman, Israel.		
10:00-10:30	The challenging and reward in clinical reproductive research Robert Casper, Canada	10:00-10:30	Implementation of Artificial Intelligence in the IVF Lab: What Will the Future Hold? Marcus Meseguer, Spain		
10:30-11:00	Coffee break, poster viewing & visit the exhibition				
11:00-13:00	Session 7A: Future reproductive science: A new approach Chairs: Roy Homburg, UK; Gad Lavy, USA; Amir Weintraub, Israel	11:00-13:00	Session 7B: Endometriosis Chairs: Chen Goldschmit, Israel; Daniel Seidman, Israel; Moti Goldenberg, Israel	11:00-13:20	Session 7C : This is the way we do it
11:00-11:25	The enigma of PCOS Roy Homburg, UK	11:00-11:30	Endometrioma and ovarian reserve: Ethiopathogenesis and management Ceana Nezhath, USA	11:00-11:15	Selection of embryo for transfer using AI demonstration of the technique Asaf Ben Meir, Israel
				11:15-11:30	Nuclear transfer: How this is being performed Pavlo Mazur, Ukraine
11:25-11:50	How can we improve our management of recurrent implantation failure? Nick Macklon, UK	11:30-12:00	Cancer Arising from Endometriosis: What fertility specialists should know Farr Nezhath, USA	11:30-11:45	Trophoectoderm biopsy Miriam Almgor, Israel
				11:45-12:00	IVM retrieval for oocyte in vitro maturation (IVM) Daniela Nogueira, France
11:50-12:15	New ovarian stimulation strategies Sesh Sunkara, UK	12:00-12:30	Treatment of endometriosis with Dopamine Agonists Antonio Pellicer, Spain	12:00-12:20	Cytoplasmic and mitochondrial transfer John Zhang, USA
12:15-12:40	The uterus - the neglected incubator? Ying Cheong, UK	12:30-13:00	Improving education and training for endometriosis: A Reluctant Critic: Why Gynecologic Surgery Needs Reform Louise King, USA	12:20-12:40	Getting MII oocytes simultaneously with ovary tissue freezing without any stimulation TBA
12:40-13:00	Balancing risks benefits on potential high responders Tal Shavit, Israel			12:40-13:00	TBA Marcos Meseguer, Spain
13:00-14:00	Lunch break, poster viewing & visit the exhibition				

14:00-16:00	Session 8A: The male Chairs: Ilan Calderon , Israel; Shevach Friedler , Israel; Arieh Raziel , Israel	14:00-16:00	Session 8B: New innovation in reproductive medicine Chairs: Vani Patel , India; ; Jaron Rabinovici , Israel
14:00-14:45	Controversies and consensus in Azoospermia Craig Niederberger , USA Peter Schlegel , USA	14:00-14:30	Automated vitrification Pasquale Patrizio , USA
		14:30-15:00	Freeze dry technology: Show me the evidence Amir Arav , Israel
14:45-15:15	Making Sperm from Skin Cells TBA	15:00-15:30	Engineering a Bioprosthetic Ovary with 3D Printing Monica Laronda , USA
15:15-15:45	The correlation between high magnification of the sperm and the methylation of the genes Nino Guy Cassuto , France	15:30-16:00	AMH with PCOS; the victim or the suspect? Cornelis (Nils) Lambalk , The Netherlands
15:45-16:00	Discussion		
16:00-16:15	Coffee break, poster viewing & visit the exhibition		
16:15-18:15	Session 9A: Fertility preservation and cancer prevention Chairs: Michael Alper , USA; Jehoshua Dor , Israel; Avner Hershlag , USA		
16:15-16:45	Fertility Preservation in patients with rare genetic diseases Alan DeCherney , USA		
16:45-17:15	Ovarian tissue conservation program as a standard clinical practice Dror Meirow , Israel		
17:15-17:45	Cancer prevention through ART Avner Hershlag , USA		
17:45-18:15	Evolving ovarian tissue from fertility preservation to hormonal preservation for natural menopause protection Simon Fishel , UK		